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DECLARATION FOR PATENT APPLICATION

As a below named inventor(s), IWe hereby declare that:

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•	My/Our residence(s), po I/We verily believe I am and for which a patent is	/we are the orig	ginal, first and sole/join	are as stated below my na t inventor(s) of the subject	ime(s). : matter which	is claimed
)	NOVEL ADENO	SINE ANAL(OGUES AND THEIR	USE AS PHARMACEUT	TICAL AGE	NTS
/	and the specification of t (check one)	⊠ wa an	is filed on June 27, 20 d was amended on is described and claims	is Docket No. DEAV 2002/0 103 as U.S. Application Nu (if applicable). ed in PCT Int'l Application N under PCT Article 19 on	ımber 10/60 8 ,	filed on
	including the claims as a	imended by any luty to disclose f	' amendment referred to to the U.S. Patent and	the contents of the above above. Trademark Office all inform	·	
	least one other country of the application on which	or inventor's cei other than the U opiority is claim	rtificate, or 365(a) of an nited States of America ned. I/We have also ic	d States Code §119(a)-(d) y PCT international applica , listed below and having a entified below any foreign cation on which priority is cl	ition which des i filing date bet application fo	signated at
Foreign Priority:	02 014 324.4 Number	European Country	27 . Day	lune 2002 /Month/Year Filed		
Prior Foreign Appln(s):	Number	Country	Day	Month/Year Filed		
\boxtimes	I/We hereby claim the application(s) listed belo	benefit under ow:	Title 35, United States	s Code §119(e) of any Ur	nited States f	^o rovisional
	60/434,164 Number	<u>December</u> Filing Date	17. 2002			
	provided by the first par information which is ma	ims of this appli regraph of Title iterial to patenta	cation is not disclosed : 35, United States Co ability as defined in Ti	es Code §120 or 365(c) ed States listed below and in the prior United States a de §112, IWe acknowled tle 37, Code of Federal R a and the national or PCT in	pplication in the ge the duty to Regulations &1	ne manner o disclose
e.	Application Serial No.	Filing Date	State	is (Patented, Pending)		
and belief all and the like	re believed to be true: and	further that the by fine or impris	se statements were ma onment, or both, under	re true and that all statements with the knowledge that Title 18, United States content issued thereon.	t willfill folco e	tatamente
nventors(s)	: Additional names	and signatures	are attached.			
l. Full name: A	Antony Bigot		2. Full nam	e: Siegfried Stengelin	· · · · · · · · · · · · · · · · · · ·	
Signature:			Signature:			
Date:			Date:	·		
			Country of C	irizenship: Germany		
tesidence: <u>Vi</u>	try-Sur-Seine, France (City and State/City and Co.	intry only)	Residence: 1	Eppstein, Germany (City and State/City and C		
	13. quar Jules Guesde			s: Sachsenring 27		
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3. Full name: Gerhard Jachne	4. Full name: Andreas Herling
	4. Fun hans: Anoreas Herning
Signature:	Signature:
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(City and State/City and Country only)	Residence: Bad Camberg, Germany (City and State/City and Country only)
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5. Full name: Guenter Mueller	6. Full name: Franz Jakob Hock
Signature:	¢:
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Date:	Date:
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Signature:	Signature:
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Patent Department Route #202-206 P.O. Box 6800 Mail Code D-303A	
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MAR. 5. 2004 1:38PM.

UNITED STATES OF AMERICA

DECLARATION FOR PATENT APPLICATION

As a below named inventor(s), I/We hereby declare that: My/Our residence(s), post office address(es) and citizenship(s) are as stated below my name(s). I/We verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled: NOVEL ADENOSINE ANALOGUES AND THEIR USE AS PHARMACEUTICAL AGENTS and the specification of which is attached hereto (Aventis Docket No.DEAV 2002/0059 US NP) was filed on June 27, 2003 as U.S. Application Number 10/608,689 (check one) and was amended on (if applicable).
was described and claimed in PCT Int'l Application Number
and as amended under PCT Article 19 on (if and was amended on (if any). I/We hereby state that I/We have reviewed and understand the contents of the above identified specification, Including the claims as amended by any amendment referred to above.

I/We acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 C.F.R. 1.56. I/We hereby claim foreign priority benefits under Title 35, United States Code §119(a)-(d) or 365 (b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one other country other than the United States of America, listed below and having a filing date before that of the application on which priority is claimed. I/We have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed: \boxtimes 27 June 2002 Day/Month/Year Filed <u>02 014 324.4</u> European Foreign Number Country Priority: **Prior** Foreign Number Country Day/Month/Year Filed Appin(s): I/We hereby claim the benefit under Title 35, United States Code §119(e) of any United States Provisional application(s) listed below: \boxtimes <u>60/434,164</u> <u>December</u> 17, 2002 Number Filing Date I/We hereby claim the benefit under Title 35, United States Code §120 or 365(c) of any United States application(s) or international application designating the United States listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I/We acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application. Application Serial No. Filing Date Status (Patented, Pending) I/We hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States code §1001, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. Inventors(s): Additional names and signatures are attached. 1. Full name: Antony Bigot 2. Full name: Siegfried Stengelin Signature: ___ Date: 06/10/2003 Date: Country of Chizenship: France Country of Citizenship; Germany Residence: Vitry-Sur-Seine, France
(City and State/City and Country only) Residence: Eppstein, Germany (City and State/City and Country only) P. O. Address: 13. quar Jules Guesde P. O. Address: Sachsenring 27 f-94400 Vitry-sur-Seine, France Eppstein, Germany

DECLARATION FOR PATENT APPLICATION

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	4. Full name: Andreas Herling
Signature: prhotod / Elica	Signature: Studies Studies
Date:Or (. 20 . () ? 0 0 7	Signature:
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Residence: Frankfurt am Main, Germany	Residence: Bad Camberg, Germany
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5. Full name: Guenter Mueller	6. Full name: Franz Jakob Hock
Signature:	Signature:
Date:	Dete:
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	8. Full name:
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Signature:	Signature:
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Fishers, IN, 46038	P. O. Address:
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9. Full name:	10 p.u
y. Full limits.	10. Full name:
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Signature:	Signature:
Date:	Date:
Country of Citizenship:	Country of Citizenship:
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DECLARATION FOR PATENT APPLICATION

As a below named inventor(s), I/We hereby declare that: My/Our residence(s), post office address(es) and citizenship(s) are as stated balow my harne(s).

Whe verify believe I amilys are the original, first and sole/joint inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled: novel adenosine analogues and their use as pharmaceutical agents is attached hereto (Aventis Docket No.DEAV 2002/0089 US NP) and the specification of which was filed on June 27, 2003 as U.S. Application Number 10/608,689 and was amended on (if applicable).
was described and claimed in PCT Intil Application Number file and as amended under PCT Article 19 on (if any). 図 (check one) filed on I/Me hereby state that I/We have reviewed and understand the contents of the above identified specification, including the claims as amended by any amendment referred to above.

I/We acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 C.F.R. 1.56. I/We hereby claim foreign priority benefits under Title 35, United States Code §119(a)-(d) or 365 (b) of any foreign application(a) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one other country other than the United States of America, listed below and having a filing date before that of the application on which priority is claimed. I/We have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed: X <u>27 June 2002</u> Dsy/Month/Year Filed 02 014 324.4 Foreign European Priority: Number COUNTY Prior Country Day/Month/Year Filed Foreign Number Appin(e); X I/We hereby claim the benefit under Title 35, United States Code §119(e) of any United States Provisional application(s) fisted below: December 17, 2002 Filing Date 80/434.164 Number I/We hereby claim the benefit under Title 35. United States Code §120 or 365(c) of any United States application(s) or international application designating the United States listed below and, Insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I/We acknowledge the duty to disclose information which is material to patentiability as defined in Title 37, Code of Foderal Regulations §1.58 which became swalable between the firing date of the prior application and the national or PCT international filing date of this application. Application Serial No. Fling Date Status (Palented, Pending) IVVe hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States code \$1001, and that such willful false statements may jeopardize the validity of the application or any patent issued thereon. Additional names and signatures are attached. inventora(s): 2. Full name: Singfried Stangelin 1. Pull name: Autony Bigot Signature: Signature: Date: Dete: Country of Citizenships France Country of Citizenship: Germany Rusidence: Vitry-Sur-Seine, France
(City and State/City and Country only) Residence: Eppetein, Germany
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3. Pull name: Gerhard Inchne	4. Pull name: Andreas Herling
Signature:	Signature:
Dato:	Date:
•	Country of Citizenship: Germany
leistene: Frankfurt am Main, Germany	Residence: Bad Camberg, Germany (City and State/City and Country only)
(City and State/City and Country only)	(City and Brate/City and Country only)
P.O. Address: Seebachstr. 22	P. O. Address: Am Walberstouck 5
65926 Frankfurt am Main, Germa	ny 65520 Rad Cambarg, Germany
i. Pull name: Guentty Mueller	6. Full name: Franz Jakob Hock
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Country of Citizonship: Germany	Country of Citizenship: Germany
Residence: Sulphach, Germany (City and Sente/City and County only)	Residence: Dieburg, Germany (City and StateCity and Country only)
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65843 Sulzbach, Germany 7. Full name: Michael R. Myers	8. Poli name:
65843 Sulzbach, Germany 7. Full name: Michael R. Myers Signame:	8. Foli name: Signatures: Date:
65843 Sulzbach, Germany 7. Full name: Michael R. Myers Signamure:	8. Foli name: Signature: Date: Country of Cithernship:
65843 Sulzbach, Germany 7. Full name: Michael R. Myers Signanue: Country of Catesanith: USA Parithmen: Nighers. IN	8. Foli name: Signaturo: Date: Country of Cithenship:
65843 Sulzbach, Germany 7. Full name: Michael R. Myers Signance: Dine: Country of Cicamathe: USA Residence: Fishers, IN (City and State City and Country only)	S. Foli name: Signature:
65843 Sulzbach, Germany 7. Full name: Michael R. Myers Signanue: Country of Catamathp: USA Residence: Fighers, IN (City and State/City and Country only)	S. Poli name: Signature: Date: Country of Cithemship: Rapidance: (City and State/City and Country only)
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65843 Sulzbach, Germany 7. Full name: Michael R. Myers Signature: Country of Categoriship: USA Residence: Fighers, IN (City and State/City and Country only) P. O. Address: 11227 Windemere Boulevard Fighers, IN, 46038	S. Poli name: Signature: Date: Country of Cithernthip: Rapidente: (City and State/City and Country only) P. O. Address:
65843 Sulzbach, Germany 7. Full name: Michael R. Myers Signame: Country of Cateurathy: USA Residence: Fighers, IN (City and State City and Country only) P. O. Address: 11227 Windemere Boulevard Fighers, IN, 46038	8. Poli nune: Signature: Date: Country of Citizenship; Rapidonee: (City and State/City and Country only)
65843 Sulzbach, Germany 7. Full name: Michael R. Myers Signance: Country of Cateanship: USA Residence: Fighers, IN (City and State City and Country only) P. O. Address: 11227 Windemere Boulevard Flahers, IN, 46038	Signature: Country of Cithernship: Rapidonee: (City and State/City and Country only) P. O. Address:
65843 Sulzbach, Germany 7. Full name: Michael R. Myers Signamus: Codoby of Cataunally: USA Residence: Fighers, IN (City and State City and Country only) P. O. Address: 11227 Windemere Boulevard Fighers, IN, 46038	S. Poli name: Signature: Date: Country of Citizanship; Rapidonee: (City and State/City and Country only) P. O. Address: 10, Full (series: Signature: Date:
65843 Sulzbach, Germany 7. Full name: Michael R. Myers Signanue: Country of Cataunthip: USA Residence: Fighers, IN (City and Simplify and Country only) P. O. Address: 1,227 Windemere Boulevard Fighers, IN, 46038 9. Pull name: Signature: Date: Country of Cataenship:	S. Foli name: Signature: Date: Country of Citizenship; Rapidomee: (City and State/City and Country only) P. O. Address: 10, Full person: Signature: Date: Country of Citizenship;
7. Full name: Michael R. Myers Signature: Doe: Country of Catamaths: USA Residence: Fishers, IN (City and State City and Country only) P. O. Address: 11227 Windemere Boulevard Fishers, IN, 46038 9. Pull name: Signature: Date: Country of Citizenship:	S. Foli name: Signature: Date: Country of Citizenship; Rapidomee: (City and State/City and Country only) P. O. Address: 10, Full person: Signature: Date: Country of Citizenship;
65843 Sulzbach, Germany 7. Full name: Michael R. Myers Signature: Country of Cateurathy: USA Residence: Fighers, IN (City and Simplify and Country only) P. O. Address: 11227 Windemere Boulevard Fighers, IN, 46038	S. Poli name: Signature: Date: Country of Citizenship; Rapidomee: (City and State/City and Country only) P. O. Address: 10, Full name: Signature: Date: Country of Citizenship; Rapidence: (City and State/City and Country only)

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

pplicants: Antony Bigot et al

Examiner:

Serial No.:

10/608,689

Group Art Unit.:

1614

Aventis Docket No.

Filed:

June 27, 2003

Title:

NOVEL ADENOSINE ANALOGUES AND

THEIR USE AS PHARMACEUTICAL AGENTS

POWER OF ATTORNEY FOR PATENT APPLICATION

Commissioner for Patents P. O. Box 1450 Alexandria, VA 22313-1450

We, Dr. E. Wein and Dr. J. Fischer Authorized Signatories of Aventis Pharma Deutschland GmbH, Assignee of the above-identified Application, hereby appoint the attorneys and/or agents associated with the Customer No.(s) provided below as attorneys and/or agents with full power to prosecute this application on behalf of Assignee and to transact all of Assignee's business in connection with the above-identified Application in the Patent and Trademark Office:

Customer No.: 005487

Effective Date: June 27, 2003

Elmar-Michael Wein Dr.

Title: Prokurist

Date:

Ocober 29, 2003

By:

Hans-Jürgen Fischer Dr.

Handlungsbevollmächtigter Title:

October 29, 2003 Date:

Address correspondence and telephone calls to: Barbara E. Kurys, Reg. No. 34,650 Aventis Pharmaceuticals Inc. Patent Department Route #202-206 / P.O. Box 6800 Bridgewater, New Jersey 08807-0800 Telephone (908) 231-2965 Telefax (908) 231-2626

AVENTIS US PAT DEPT

DECLARATION FOR PATENT APPLICATION

below named inventor(s), I/We hereby declare that:

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OIPE	2
MAR 0 5 200	10 H
PRADEMA	REF.

My/Our residence(s), post office address(es) and citizenship(s) are as stated below my name(s). We verily believe i am/we are the original, first and sole/joint inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled: NOVEL ADENOSINE ANALOGUES AND THEIR USE AS PHARMACEUTICAL AGENTS and the specification of which is attached hereto (Aventis Docket No. DEAV 2002/0059 US NP) (check one) was filed on June 27, 2003 as U.S. Application Number 10/608,689 and was amended on (if applicable).
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9. Full name:	10. Full name:
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DECLARATION FOR PATENT APPLICATION

As a below named inventor(s), I/We hereby declare that My/Our residence(s), post office address(es) and citizenship(s) are as stated below my name(s). I/We verily believe I am/we are the original, first and sole/joint inventor(s) of the subject matter which is claimed and for which a patent is sought on the invention entitled: NOVEL ADENOSINE ANALOGUES AND THEIR USE AS PHARMACEUTICAL AGENTS and the specification of which is attached hereto (Aventis Docket No.DEAV 2002/0059 US NP) (check one) was filed on June 27, 2003 as U.S. Application Number 10/608,689 and was amended on (if applicable),
was described and claimed in PCT Int'l Application Number
and as amended under PCT Article 19 on (if (if any). I/We hereby state that I/We have reviewed and understand the contents of the above identified specification, including the claims as amended by any amendment referred to above. I/We acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me/us to be material to patentability as defined in 37 C.F.R. 1.56. I/We hereby claim foreign priority benefits under Title 35. United States Code §119(a)-(d) or 365 (b) of any foreign application(s) for patent or inventor's certificate, or 365(a) of any PCT international application which designated at least one other country other than the United States of America, listed below and having a filing date before that of the application on which priority is claimed. I/We have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed: M 02 014 324.4 Foreign <u>European</u> <u>27 June 2002</u> Country Priority: Number Day/Month/Year Filed Prior Foreign Number Country Day/Month/Year Filed Appin(s): I/We hereby claim the benefit under Title 35, United States Code §119(e) of any United States Provisional application(s) listed below: \square 60/434,164 Number December 17, 2002 Filing Date I/We hereby claim the benefit under Title 35, United States Code §120 or 365(c) of any United States application(s) or international application designating the United States listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code §112, I/We acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations §1.56 which became available between the filling date of the prior application and the national or PCT international filling date of this application. Application Senal No. Filing Date Status (Patented, Pending) I/We hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Title 18, United States code §1001, and that such willful false statements may jeopardize the validity of the application or any patent Issued thereon. Inventors(s): Additional names and signatures are attached. 1. Full name: Antony Bigot 2. Full name: Siegfried Stengelin Signature: _== Signature: Date: 06/10/2003 Country of Citizenship: France Country of Citizenship: Germany Residence: Vitry-Sur-Seine, France
(City and State/City and Country only) Residence: Eppstein, Germany (City and State/City and Country only) P. O. Address: 13, quar Jules Guesde P. O. Address: Sachsenring 27 f-94400 Vitry-sur-Seine, France Eppstein, Germany

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	4. Full name: Andreas Herling
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5. Full name: Guenter Mueller	6. Full name: Franz Jakob Hock
51 // //	
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Date: 100 27 2005	Date:
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7. Full name: Michael R. Myers	_ •
** Tan Hallet Intelliget	8. Full name;
Signature:	Signature:
Date:	Date;
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RESIDENCE: PISHEIS, III	Residence: (City and State/City and Country only) P. O. Address:
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Fishers, IN, 46038	
•	<i>:</i>
9. Full name:	10. Full name:
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Signature:	Signature:
Date:	×
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As a below named inventor(s), I/We hereby declare that: My/Our residence(s), post office address(es) and citizenship(e) are as stated below my name(s).

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5. Pull name: Guenter Mueller	6. Full name: Franz Jakob Hock
	Signature: x traver 1. Trock
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P. O. Address: Im Haindell 1 b 65843 Sulzbach, Germany	64897 Dieburg, Germany
65843 Sulzbach, Germany	64807 Dieburg, Germany 8. Foll rame:
7. Full name: Michael R. Myers	8. Foil name:
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